

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB 03/01213

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/39 A61K39/21

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal, BIOSIS, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 93 20847 A (MINNESOTA MINING & MFG) 28 October 1993 (1993-10-28) page 28, line 1-21 page 15, line 22-26 ---	1-27
Y	BILLAUT-MULOT O ET AL: "Modulation of cellular and humoral immune responses to a multiepitopic HIV-1 DNA vaccine by interleukin-18 DNA immunization/viral protein boost" VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 19, no. 20-22, 6 April 2001 (2001-04-06), pages 2803-2811, XP004231795 ISSN: 0264-410X abstract --- -/-	1-27

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

15 September 2003

29/09/2003

Name and mailing address of the ISA

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PCT/GB 03/01213

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BERNSTEIN D I ET AL: "Effect of imiquimod as an adjuvant for immunotherapy of genital HSV in guinea-pigs" VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 13, no. 1, 1995, pages 72-76, XP004057704 ISSN: 0264-410X figure 1 ---	1-27
A	VASILAKOS J P ET AL: "ADJUVANT ACTIVITIES OF IMMUNE RESPONSE MODIFIER R-848: COMPARISON WITH CPG ODN" CELLULAR IMMUNOLOGY, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 204, no. 1, 25 August 2000 (2000-08-25), pages 64-74, XP001037913 ISSN: 0008-8749 figures 1,2,5 ---	1-27
A	WO 01 54719 A (SMITHKLINE BEECHAM BIOLOG ;VOSS GERALD (BE)) 2 August 2001 (2001-08-02) claim 9 ---	
P, X	WO 02 24225 A (GLAXO GROUP LTD ;TOPLEY PETER (GB); THOMSEN LINDY LOUISE (GB); TIT) 28 March 2002 (2002-03-28) examples 5,6 ---	25
E	WO 03 025003 A (BEATON ANDREW ;LEAR ANDREW (GB); GLAXO GROUP LTD (GB); ERTL PETER) 27 March 2003 (2003-03-27) the whole document -----	1-27

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-24, 26, 27 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/01213

Patent document cited in search report		Publication date	Patent family member(s)	Publication date	
WO 9320847	A	28-10-1993	AT AU AU DE DE DK EP ES HK HU HU IL JP KR MX NO NZ NZ WO US ZA	142110 T 674313 B2 4048093 A 69304521 D1 69304521 T2 636031 T3 0636031 A1 2092306 T3 1007962 A1 69993 A2 9500752 A3 105325 A 7505883 T 263804 B1 9302199 A1 943920 A 252020 A 280098 A 9320847 A1 6083505 A 9302627 A	15-09-1996 19-12-1996 18-11-1993 10-10-1996 20-02-1997 24-02-1997 01-02-1995 16-11-1996 30-04-1999 28-09-1995 28-11-1995 14-11-1996 29-06-1995 16-08-2000 31-08-1994 14-10-1994 21-12-1995 26-06-1998 28-10-1993 04-07-2000 14-10-1994
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WO 03025003	A	27-03-2003	AU BR CA WO EP NO	8790801 A 0113982 A 2422863 A1 03025003 A2 1318835 A1 20031274 A	02-04-2002 19-08-2003 28-03-2002 27-03-2003 18-06-2003 19-05-2003